Welcome

Thank you for attending tonight’s open house. The purpose of this open house is to give you an opportunity to:

- Learn about changes to the 2008 Northwest Foothills Transportation Study & new recommendations.
- Provide your input.

The Northwest Foothills Transportation Study was approved by ACHD and the City of Eagle in late 2008.
In 2008, in response to the influx of proposals for planned communities and future development in the Northwest Foothills, ACHD and the City of Eagle initiated a study to analyze future impacts to the regional transportation system. The study:

- Analyzed potential impacts of development on the existing and future transportation system.
- Identified future transportation needs & a future road network.
- Established policies for improving the transportation system when development occurs.

The intent of the study was not to endorse development, but to provide mechanisms for infrastructure should development occur.

The 2008 study was a year-long process.
Preferred Network (From 2008 Study)
Constrained Willow Creek Road Connection (Speed and Volume Reducing)

Disclaimer: The road alignments shown may not represent exact alignments of final roads. There may be additional impacts outside of the study area.
Focus of update

- Analyze potential development thru 2035.
- Review and analyze existing and projected (2035) traffic volumes.
- Determine if changes are needed to roadway sizes (number of lanes) and intersection treatments.
- Create plan to implement recommendations.

Update will not include

- Major changes to the 2008 foothills roadway network.
- Specific design elements.
- Transportation planning for downtown Eagle.
Why update study?

The Study was adopted with the understanding that if land use and traffic projections changed dramatically, amendments to the plan could be required.

What changed?

Housing projections
43% less households are forecast to be built by 2035 = less traffic for which to plan.

Three Cities River Crossing Project
Project to construct connection between State Highway 44 and Chinden Boulevard is no longer being pursued.

State Street Transit and Traffic Operational Plan adoption
Transportation improvements identified in this Plan will be used to update the Study.

Communities in Motion Long Range Transportation Plan (CIM)
Updated traffic projections from the 2010 CIM will be used to update the Study.
Preliminary recommendations

The 2012 update identifies changes from the 2008 study in roadway and intersection sizes.

<table>
<thead>
<tr>
<th>Roadways</th>
<th>2008 Plan</th>
<th>2012 Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACHD Eagle Road, Floating Feather to Beacon Light</td>
<td>2/3 lanes</td>
<td>3 lanes*</td>
</tr>
<tr>
<td>ACHD Beacon Light, Linder to SH 55</td>
<td>2/3 lanes</td>
<td>5 lanes</td>
</tr>
<tr>
<td>ACHD Floating Feather, Linder to Eagle</td>
<td>2 lanes</td>
<td>3 lanes</td>
</tr>
<tr>
<td>ACHD Eagle Road, Plaza to State</td>
<td>5 lanes</td>
<td>3 lanes/preserve for 5 lanes**</td>
</tr>
<tr>
<td>ITD Eagle Road, SH 44 to Chinden</td>
<td>5 lanes</td>
<td>7 lanes</td>
</tr>
<tr>
<td>ITD SH 55, Beacon Light to Avimor</td>
<td>4 lanes + interchanges</td>
<td>4 lanes + traffic signals</td>
</tr>
<tr>
<td>ITD SH 44, Glenwood to Eagle</td>
<td>6 lanes</td>
<td>5 lanes + HOV+ lanes</td>
</tr>
<tr>
<td>ITD SH 44, Eagle to SH 16</td>
<td>6 lanes</td>
<td>4 lanes</td>
</tr>
</tbody>
</table>

* Demand shows need for 5 lanes.
** To be studied further. Demand shows need for 5 lanes.
* Lanes typically dedicated for buses, carpools, vanpools, motorcycles, right turning vehicles and emergency vehicles.
Considerations for implementation

- Location and timing of transportation improvements based on development in the Northwest Foothills
- Needs shown in ACHD’s Capital Improvements Plan (CIP)*
- ITD planned projects
- Traffic volume changes
- Funding

*ACHD's list of roadway, intersection and other infrastructure improvements needed to serve Ada County over the next two decades.
Preliminary Recommended
Roadway Sizes and
Intersection Control

Interchange can also operate as a signal

Alignment to be Determined
May be grade-separated beyond 2035
2008 plan = Grade Separated

Legend

2 Lanes
3 Lanes
4 Lanes
5 Lanes

5 Lanes + HOV
7 Lanes

Grade-Separated
High-Capacity Interchange

Unsignalized
Unsignalized/Roundabout

Roundabout
Signal

2008 plan = 3 lanes
2008 plan = 2 lanes
2008 plan = 6 lanes
2008 plan = 5 lanes
2008 plan = 2 lanes
2008 plan = 5 lanes
2008 plan = Grade Separated

Changed Since Last Plan

H:\projfile\12343 - NW Foothills Transportation Study Update\GIS\Recommendations2_2008Ref.mxd
Northwest Foothills Transportation Plan Update
October 2012

PRELIMINARY RECOMMENDED ROADWAY SIZES AND INTERSECTION CONTROL
Improvements triggered by Northwest Foothills Development

Roadway                         Recommendation
a) Eagle Road,                   3 lanes (same as without
   Beacon Light Rd – State St  NW Foothills)
b) SH 55, Floating Feather – Beacon   Widen to 7 lanes
   Light                           
c) SH 55, Shadow Valley Rd –     Widen to 4 lanes
   Avimor

d) Dry Creek Ranch Roadways       Per plan 3 lanes minimum

e) Avimor East Roadways          Per plan 3 lanes minimum

f) Development Related          Internal roadway network to
   Roadways serve the Northwest

    Foothills

g) State Highway 16              Interchanges at SH 44,
                                 State Street, Beacon Light
                                 Road, and Aerie Way

a) Development Pushes Traffic   Alignment to be
   Demand Above 3 Lane Threshold Determined
   (Still Recommended as 3 Lanes)

b) Widening SH 55 from          d) Roadway within
   5 Lanes to 7 Lanes           Dry Creek

e) Roadways within Avimor

c) SH 55 Widening to 4 Lanes    f) INTERNAL NW FOOTHILLS ROADS
   Prior to 2035                   WAY NETWORK

Improvements TRIGGERED BY
NW FOOTHILLS DEVELOPMENT

Legend

- 2 Lanes
- 3 Lanes
- 4 Lanes
- 5 Lanes + HOV
- 5 Lanes
- 7 Lanes
- Study Area

Improvements Triggered by NW Foothills Development
What is next?

- Review public input from open house
- Update assumptions and recommendations based on public input
- Develop an implementation plan
- Prepare draft report
- Possible adoption by City of Eagle and ACHD (Fall 2012)

All displays and handouts will be posted to ACHD’s web site, www.achdidaho.org.

Comments are due by October 25, 2012.